

## INDEX TO VOLUME THIRTY-ONE, 1965

|   |  |
|---|--|
| <b>A</b>  |  |
| ABSTRACTS.....  | 5, 16, 65, 94, 102, 107, 154, 157, 223, 233, 259, 383, 384 |
| ALTERNARIA, Contamination of Vaginal and Cervical Smears by   | 155  |
| Anderson, Ellen   | 159  |
| ANTIBIOTIC SENSITIVITY TEST, A Rapid  | 61   |
| ANTIBODY DETECTION, A Bromelin Slide Test for   | 457  |
| ANTI-CELLANO, An Unusual — (Anti-k) Antibody.   | 346  |
| ANTI-HEPARIN, The Effect of — Drugs on Human Blood  | 271  |
| ANTI-KIDD, — (JK <sup>b</sup> ) A New Case Report and Review of Literature  | 397  |
| ARTIFACTS, — Simulating Calcification Associated with Improper Buffering of Formalin Fixative                       | 412  |
| August, Anne  | 271  |
| <b>B</b>  |  |
| BACTERIA, Dissemination of — by Laboratory Personnel  | 108  |
| BACTERICIDAL TEST, The Serum-Dilution — for Antibiotic Effectiveness  | 69   |
| Baker, Neva   | 262  |
| Batt, William F.  | 349  |
| LOOD, The Effect of Anti-Heparin Drugs on Human   | 271  |
| LOOD CULTURE, An Economical Closed — System   | 305  |
| LOOD GROUPING, — Tests Application to Related Scientific Fields   | 87   |
| LOOD UREA, An Ultramicro Method for the Determination of  | 355  |
| LOOD UREA NITROGEN, An Evaluation of the Urograph Method for the Determination of                                   | 335  |
| BOOK REVIEW .....   | 67, 142  |
| Bordewich, Patricia H.  | 81   |
| Breden, J. A.   | 367  |
| Busch, Shirley  | 143  |
| <b>C</b>  |  |
| Castro, Arnold  | 457  |
| CHANGING DEMANDS OF SCIENCE AND TECHNOLOGY  | 207  |
| CHLORIDES, Blood —: Many Problems, Some Solutions and a Few Recommendations   | 121  |
| CLOSURE SYSTEM, Development of a Multiple — for Test Tubes  | 219  |
| Conenberger, Jo Helen   | 9  |
| Controni, Guido   | 301  |
| Controll, Guido   | 421  |
| Cottrell, Richard L.  | 41   |
| Crowe, A. Edward  | 387  |
| CYTOLOGIC DIAGNOSIS, The Treatment of Sputum by Ultrasonic Sound for the — of Cancer of the Lung                    | 279  |
| <b>D</b>  |  |
| Davis, John C.  | 309  |
| Dorsey, D. B.   | 150  |
| Dunlop, Stuart G.   | 69   |
| <b>E</b>  |  |
| Merer, Grace Mary   | 108  |
| EDUCATION, The Application of Programmed Learning to Medical Technology   | 317  |
| Erlich, Albert  | 457  |
| LECTROPHORESIS, A New Medium for Hemoglobin   | 9  |
| LECTROPHORETIC PATTERNS, Effect of Serum Handling on — Paper Strip and Moving Boundary Analysis                     | 349  |
| Fils, E. M.   | 61   |
| EMBEDDING SPECIMENS, — in Clear, Transparent Plastic  | 291  |
| ENZYME, Hemagglutinin Detection: Evaluation of Simplified — Techniques  | 433  |
| Fricksen, Marilyn   | 335  |
| ESCHERICHIA COLI, The Incidence of Enteropathogenic — the Urine and Feces of Children with Urinary Tract Infections | 451  |
| Hittman, S. L.  | 377  |
| <b>F</b>  |  |
| Peters, Wilhelmina A.   | 17   |
| BRINOLYSIS, A Rapid Qualitative Method for  | 331  |
| BRINOLYTIC ACTIVITY, A Quantitative Method for Measuring — in Humans  | 225  |
| FLUORESCENCE MICROSCOPY, Principles of  | 45   |
| Trey, Dean C.   | 41   |
| ZOZEN BLOOD PROGRAM, The Central File for Rare Donors and — of the American Association of Blood Banks              | 175  |
| <b>G</b>  |  |
| Gajewski, Mieczyslaw  | 175  |
| Gerarde, H. W.  | 355  |
| GLUCOSE METHOD, A Serum — Without Protein Precipitation   | 17   |
| Greenwalt, Tibor J.   | 175  |
| Gross, M. Adrian  | 412  |
| <b>H</b>  |  |
| Harms, Dale R.  | 1  |
| HEMAGGLUTININ, — Detection: Evaluation of Simplified Enzyme Techniques  | 433  |
| HEMATOLOGY, What Can Quality Control Do For   | 150  |

|   |     |
|---|-----|
| HEMOGLOBIN, Improving the Accuracy of a Rapid Technique of Plasma — Measurement.                            | 367 |
| Henry, John B.  | 433 |
| HERELLEA, Hydrogen Sulfide Production by  | 301 |
| HERELLEA, Lysine Decarboxylase Studies with   | 421 |
| Hodgson, David  | 213 |
| Hody, G. L.   | 213 |
| HORMONE, Interfering Substances of Menopausal Urine for Red Cells Coated with Human Chorionic Gonadotrophic | 373 |
| Hornung, Jeane E.   | 239 |
| Hulse, Donald C.  | 61  |

## I

|  |     |
|--|-----|
| INDEX TO VOLUME 31.  | 467 |
| INFLUENZA, Experimental Comparison of Intradermal and Subcutaneous Vaccination with — Vaccine. | 387 |
| IMMUNOELECTROPHORESIS, Controlling the Variables of — of Serum Proteins.                       | 169 |
| IMMUNOFLUORESCENT, — Studies of Shigella in Infants and Young Children.                        | 239 |
| INFECTIOUS MONONUCLEOSIS, Some Aspects of  | 30  |
| IN MEMORIAM  | 401 |
| INSTRUMENTATION, Advances in Clinical Chemistry  | 377 |
| INTESTINAL OVA, A Differential Staining Method for — — and Larva.                              | 463 |

## J

|                     |     |
|---------------------|-----|
| Jackson, Rodney N.  | 155 |
| Jacobs, David S.    | 30  |
| Jamieson, Ann L.    | 397 |
| Jewell, Ralph P.    | 219 |
| Jordan, William C.  | 169 |
| Judd, R. Ellinor H. | 361 |

## K

|                         |     |
|-------------------------|-----|
| Keller, Dorothy         | 346 |
| Kelly, Linda V.         | 331 |
| Key, Patricia L.        | 77  |
| Kimball, Charles        | 207 |
| Kimbleton, Elizabeth S. | 305 |

## L

|  |               |
|--|---------------|
| Lang, Louise   | 373           |
| Lankford, Paulette G.                                    | 225           |
| Lennox, Veronica C.                                      | 441           |
| Letter to the Editor                                     | IV (May-June) |
| Letter to the Editor                                     | 372           |
| LOEFFER'S SLANTS, A Simplified Method for Preparation of | 315           |
| Luna, Lee G.   | 412           |
| LYSINE DECARBOXYLASE, — — Studies with Herellea.         | 421           |

## M

|  |     |
|--|-----|
| Macpherson, C. R.                                | 305 |
| Marinick, Robert G.                              | 417 |
| MEDICAL TECHNOLOGY, Profession or Skilled Labor. | 77  |
| MEDICAL TECHNOLOGY, Today                        | 159 |
| MEDICAL TECHNOLOGY, Thirty-Five Years of         | 295 |
| MEDICAL TECHNOLOGY, The 3 M's of                 | 355 |
| MICRO ENZYMATIC URIC ACID METHOD.                | 361 |
| MICROBIOLOGIST HONORED                           | 22  |
| Miller, Hugh                                     | 463 |
| Moon, Mary Kay G.                                | 385 |

## N

|                 |     |
|-----------------|-----|
| Nakamura, R. M. | 403 |
|-----------------|-----|

## O

|   |     |
|---|-----|
| OXYGEN TENSION, Sources of Error in Arterial — — Measurement. | 425 |
|---|-----|

## P

|   |     |
|---|-----|
| PARASITOLOGY, Veterinary Specimens as Teaching Aids in  | 257 |
| Paviech, Helen M.   | 315 |
| Peterman, Patricia A.   | 346 |
| Plym, Alberta J.  | 95  |
| Pogue, Julie A.   | 257 |
| Poston, Francis   | 279 |
| Price, Zane H.  | 45  |
| PROFESSIONALISM   | 339 |
| PROTEIN, Use of — Solubilizing Detergent for Rapid Serum Iron and Iron Binding Capacity Assays. | 403 |
| PROGRAMMED INSTRUCTION, An Experiment in — —. (Teaching Machine).                               | 197 |
| PROGRAMMED LEARNING TO, The Application of — — Medical Technology Education.                    | 317 |
| PROTEIN BOUND IODINE, A Quality Control Program for the — — Procedure.                          | 188 |

|        |  |     |
|--------|--|-----|
| 387    | QUALITY CONTROL PROGRAM, Multiple Concentrations of Constituents in a  | 95  |
| 433    | QUALITY CONTROL SYMPOSIUM, Is Quality Control a  | 143 |
| 301    | Reality in Blood Banking.  | 146 |
| 421    | QUALITY CONTROL Has its Brightest Day in Clinical Chemistry.   | 149 |
| 213    | QUALITY CONTROL in the Clinical Laboratory.  | 149 |
| 367    | QUALITY CONTROL, What Can Do for Hematology.   | 150 |
| 373    | QUALITY CONTROL, A Program for the Protein Bound Iodine Procedure.   | 188 |
| 239    |  |     |
| 61     |  |     |
|        | <b>Q</b>   |     |
|        | QUALITY CONTROL PROGRAM, Multiple Concentrations of Constituents in a  | 95  |
|        | QUALITY CONTROL SYMPOSIUM, Is Quality Control a  | 143 |
|        | Reality in Blood Banking.  | 146 |
|        | QUALITY CONTROL Has its Brightest Day in Clinical Chemistry.   | 149 |
|        | QUALITY CONTROL in the Clinical Laboratory.  | 149 |
|        | QUALITY CONTROL, What Can Do for Hematology.   | 150 |
|        | QUALITY CONTROL, A Program for the Protein Bound Iodine Procedure.   | 188 |
|        |  |     |
|        | <b>R</b>   |     |
|        | RADIOASSAY, of Fecal Samples Containing Low Activity Quantities of CR 51   | 23  |
|        | Albumin I-131 PVP, I-131 Triolein and Oleic Acid, or Fe-59 Citrate.  | 175 |
|        | RARE DONORS, The Central File for and Frozen Blood Program of the American Association of Blood Banks.               | 425 |
|        | Repetto, Nancy P.  | 425 |
|        | Richterich, Roland   | 149 |
|        | Rosner, Richard  | 451 |
|        | Ross, Doris L.   | 231 |
|        | Ross, John A.  | 465 |
|        | Rowan, Theodore  | 262 |
|        | Rudy, Jack   | 188 |
|        | Ryan, Wayne L.   | 447 |
|        |  |     |
|        | <b>S</b>   |     |
|        | SALMONELLA, Screening of Specimens for and Arizona by Stabbing Bismuth Sulfite Agar.                                 | 309 |
|        | Sayer, Mary Alice  | 301 |
|        | SENSITIVITY TESTING, Rapid Antibacterial Using a Tetrazolium Disk Technique.   | 103 |
|        | SERUM LIPASE, Longevity of Values in Pancreatitis—Medical Myth or Reality.   | 417 |
|        | SERUM IRON, Use of Protein Solubilizing Detergent for Rapid and Iron Binding Capacity Assays.                        | 403 |
|        | SERUM PROTEINS, Controlling the Variables of Immunoelectrophoresis of  | 169 |
|        | SHIGELLA, Immunofluorescent Studies of in Infants and Young Children.  | 239 |
|        | SPUTUM, The Treatment of by Ultrasonic Sound for the Cytologic Diagnosis of Cancer of the Lung.                      | 279 |
|        | STAINING, Successive Crescaviolet and Hematoxylin  | 465 |
|        | STAINING METHOD, A Differential for Intestinal Ova and Larva.  | 463 |
|        | Strauss, Janet L.  | 103 |
|        | Stone, Esther C.   | 361 |
|        | Susman, Leon N.  | 87  |
|        |  |     |
|        | <b>T</b>   |     |
| (June) | TEACHING, An Experiment in Programmed Instruction Machine.   | 197 |
|        | TEACHING SUPERVISOR, The as a Leader.  | 231 |
|        | TECHNICAL PERFORMANCE, Statistical Evaluation of Student   | 81  |
|        | Thiers, Ralph E.   | 146 |
|        | THIN-LAYER CHROMATOGRAPHY, Identification of Morphine and Codeine in the Urine by and Ultraviolet Spectrophotometry. | 1   |
|        | TISSUE SECTIONS, Simple Technique for the Projection of Stained  | 41  |
|        | TRIPHENYLTTETRAZOLIUM, The Use of in Clinical Microbiology.  | 447 |
|        | Turner, Jo Aubrey.   | 23  |
|        |  |     |
|        | <b>U</b>   |     |
|        | ULTRAMICRO METHOD, An for the Determination of Blood Urea.   | 355 |
|        | ULTRAVIOLET SPECTROPHOTOMETRY, Identification of Morphine and Codeine in the Urine by Thin-Layer Chromatography and  | 1   |
|        | UNIT VALUES, A System of Relative for the Routine Laboratory.  | 213 |
|        | URINARY OCCULT, Simultaneous Screening for Blood, Protein, Glucose, and PH.  | 285 |
|        | URINE, Identification of Morphine and Codeine in the by Thin-Layer Chromatography and Ultraviolet Spectrophotometry. | 1   |
|        | URINE, Albumin in  | 441 |
|        | URINE LACTIC DEHYDROGENASE.  | 262 |
|        | UROGRAPH METHOD, An Evaluation of the for the Determination of Blood Urea Nitrogen.                                  | 335 |
|        |  |     |
|        | <b>V</b>   |     |
|        | VACCINATION, Experimental Comparison of Intradermal and Subcutaneous with Influenza Vaccine.                         | 387 |
|        |  |     |
|        | <b>W</b>   |     |
|        | Wendland, Phyllis E.   | 121 |
|        | White, Lavinia B.  | 295 |
|        | White, William   | 169 |
|        | Whitney, Elizabeth   | 355 |
|        | Williams, Ruth   | 197 |
|        | Winstead, Martha E.  | 121 |
|        | Wolfe, Kenneth B.  | 291 |
|        | Wood, Harold   | 339 |
|        | Woodworth, Mary Esther   | 317 |
|        |  |     |
|        | <b>Y</b>   |     |
|        | Yoder, John M.   | 285 |